

Amendments to the Claims:

A listing of the entire set of pending claims (including amendments to the claims, if any) is submitted herewith per 37 CFR 1.121. This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently amended) An electrodynamic loudspeaker comprising:
 - a chassis,
 - a movable body flexibly connected to the chassis and having a three-dimensional diaphragm with a base part and a top part ~~which~~ that is wider than the base part, and
 - an electromagnetic actuator for moving ~~said the~~ body with respect to the chassis along a translation axis ~~extending between said two parts of the diaphragm,~~ which actuator ~~comprises~~ includes:
 - a stationary actuator part secured to the chassis, and
 - a translatable actuator part, ~~which latter actuator part~~ that extends inside a space enveloped by the contours of the diaphragm and is translatable along the translation axis with respect to the stationary actuator part and is connected to the movable body in the region of the base part of the diaphragm,
 - ~~said the stationary and translatable actuator parts being capable of~~ magnetically co-operating with each other across an air gap,
 - wherein
 - the movable body ~~comprises~~ includes, in the proximity of the base part of the diaphragm,
 - a bridging element ~~which~~ that is secured to the movable part of the actuator and extends radially with respect to the translation axis,
 - the diaphragm and the bridging element being interconnected at least at a radial distance to the translatable part of the actuator.

2. (Currently amended) A ~~The~~ loudspeaker ~~as claimed in~~ of claim 1, wherein the bridging element ~~is designed such that it~~ functions as a cooling element during operation.

3. (Currently amended) A ~~The~~ loudspeaker ~~as claimed in~~ of claim 1, wherein the bridging element ~~is~~ includes a thermally conductive disc-shaped element.

4. (Currently amended) A ~~The~~ loudspeaker ~~as claimed in~~ of claim 1, wherein the stationary actuator part ~~comprises~~ includes a magnetic structure and the translatable actuator part ~~comprises~~ includes a magnetic coil, ~~said the~~ magnetic coil extending into the air gap.

5. (Currently amended) A ~~The~~ loudspeaker ~~as claimed in~~ of claim 3, wherein the disc-shaped element ~~is provided with~~ includes at least one tuning opening.

6. (Currently amended) A ~~The~~ loudspeaker ~~as claimed in~~ of claim 2, wherein the cooling element ~~has~~ includes an anodized cooling surface.

7. (Currently amended) A ~~The~~ loudspeaker ~~as claimed in~~ of claim 1, wherein including

a first flexible connecting means ~~is present~~ proximate to the top part of the diaphragm and

a second flexible connecting means ~~is present~~ proximate to the base part of the diaphragm for movably supporting the translatable body with respect to the chassis, and

wherein:

the first flexible connecting means is fixed to the chassis and the diaphragm, and

the second flexible connecting means is fixed to the chassis and the bridging element.

8. (Currently amended) A ~~The~~ loudspeaker unit ~~comprising the loudspeaker as claimed in~~ of claim 1, ~~and comprising~~ including a housing accommodating the loudspeaker.

9. (New) The loudspeaker of claim 2, wherein the bridging element includes a thermally conductive disc-shaped element.

10. (New) The loudspeaker of claim 9, wherein the disc-shaped element is provided with at least one tuning opening.

11. (New) A loudspeaker comprising:

- a chassis,

- an actuator that is configured to move along a translation axis relative to the chassis,

- a bridging element that is coupled to the actuator and extends radially from the translation axis,

- a diaphragm that includes:

- a top part that is coupled to the chassis, and

- a base part that is coupled to the bridging element at a radial distance from the actuator to provide a diameter of the base part that is significantly larger than a diameter of the actuator.

12. (New) The loudspeaker of claim 11, including

- a housing that encloses the chassis and diaphragm.

13. (New) The loudspeaker of claim 11, wherein

- the chassis includes an electromagnet, and

- the actuator includes a coil that is configured to move the actuator along the translation axis via an interaction with the electromagnet.

14. (New) The loudspeaker of claim 13, wherein
the coil is located within a gap that separates the electromagnet from the actuator.
15. (New) The loudspeaker of claim 11, wherein
the bridging element includes a thermally conductive disc-shaped element.
16. (New) The loudspeaker of claim 11, wherein
the bridging element includes at least one tuning opening.
17. (New) The loudspeaker of claim 11, wherein
the bridging element includes an anodized cooling surface.
18. (New) The loudspeaker of claim 11, wherein
the bridging element is configured to conduct heat from the actuator.
19. (New) The loudspeaker of claim 11, including
a flexible member that couples the bridging element to the chassis and is configured to support the bridging element and actuator relative to the chassis.
20. (New) The loudspeaker of claim 18, including
a second flexible member that couples the top part of the diaphragm to the chassis.